

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

RECEIVED

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

OMB No. 2040-0004

NAME Union Oil Company of California

ADDRESS Attn: John Zager

P.O. Box 196247

Anchorage, AK 99519-6247

FACILITY Trading Bay Production Facility

LOCATION Cook Inlet, Alaska

OCT 20 2009

AKG-31-5002  
PERMIT NUMBER

015  
DISCHARGE NUMBER

DEC

Division of Water Quality

MONITORING PERIOD  
YEAR MO DAY  
09 09 01

TO  
YEAR MO DAY  
09 09 30

OCT 20 2009

DFO

Division of Water Quality

Wastewater Discharge Program

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
015 Produced Water Flow Rate*	SAMPLE MEASUREMENT	3.405721	3.714522	MGD							Weekly	Estimate	
	PERMIT REQUIREMENT	Report	Report	MGD							Weekly	Estimate	
015 Produced Water Produced Sand	SAMPLE MEASUREMENT							No Discharge					
	PERMIT REQUIREMENT							No Discharge					
015 Produced Water pH** Flow Rate >1 mgd	SAMPLE MEASUREMENT				7.0			7.6	su		4 / Month	Grab	
	PERMIT REQUIREMENT				6			9	su		Weekly	Grab	
015 Produced Water Oil and Grease***	SAMPLE MEASUREMENT					14		30	mg/l		4 / Month	Grab Average	
	PERMIT REQUIREMENT					29		42	mg/l		Weekly	Grab Average	
015 Produced Water Copper	SAMPLE MEASUREMENT					3		3	µg/l		Monthly	Grab	
	PERMIT REQUIREMENT					47		117	µg/l		Monthly	Grab	
015 Produced Water Manganese	SAMPLE MEASUREMENT					2		2	mg/l		Monthly	Grab	
	PERMIT REQUIREMENT					26		50	mg/l		Monthly	Grab	
015 Produced Water Mercury	SAMPLE MEASUREMENT					0.2		0.2	µg/l		Monthly	Grab	
	PERMIT REQUIREMENT					0.6		1.0	µg/l		Monthly	Grab	
015 Produced Water Silver	SAMPLE MEASUREMENT					0.01		0.01	µg/l		Monthly	Grab	
	PERMIT REQUIREMENT					23		47	µg/l		Monthly	Grab	
015 Produced Water Zinc	SAMPLE MEASUREMENT					0.03		0.03	mg/l		Monthly	Grab	
	PERMIT REQUIREMENT					0.9		1.9	mg/l		Monthly	Grab	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							TELEPHONE		DATE		
John Zager General Manager Mid Continent/Alaska Business Unit									(907) 276-7600		09	10	19
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							AREA CODE	NUMBER	YEAR	MO	DA
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)													

See Trading Bay Production Facility Page 3 of 3 for comments.

PERMITTEE NAME/ADDRESS (include Facility Name/Location if Different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

## DISCHARGE MONITORING REPORT (DMR)

OMB No. 2040-0004

NAME Union Oil Company of California

ADDRESS Attn: John Zager

P.O. Box 196247

Anchorage, AK 99519-6247

FACILITY Trading Bay Production Facility

LOCATION Cook Inlet, Alaska

(2-16)

AKG-31-5002

PERMIT NUMBER

(17-19)

015

DISCHARGE NUMBER

## MONITORING PERIOD

YEAR MO DAY

09 09 01

TO

YEAR MO DAY

09 09 30

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53)			QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45)			QUALITY OR CONCENTRATION (46-53)			NO EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS								
									(20-21)	(22-23)	(24-25)	(26-27)	(28-29)			
015 Produced Water TAH	SAMPLE MEASUREMENT					9	9	mg/L							Monthly	Grab
	PERMIT REQUIREMENT					18	27	mg/L							Monthly	Grab
015 Produced Water TAQH	SAMPLE MEASUREMENT					9	9	mg/l							Monthly	Grab
	PERMIT REQUIREMENT					Report	Report	mg/L							Monthly	Grab
015 Produced Water Total Ammonia	SAMPLE MEASUREMENT					6.6	6.6	mg/l							Quarterly	Grab
	PERMIT REQUIREMENT					Report	Report	mg/l							Quarterly	Grab
015 Produced Water Whole Effluent Toxicity Mytilus galloprovincialis	SAMPLE MEASUREMENT					No Sample	No Sample	TUC							Annually	Grab
	PERMIT REQUIREMENT					283	568	TUC							Annually	Grab
015 Produced Water Whole Effluent Toxicity Strongylocentrotus purpuratus ****	SAMPLE MEASUREMENT					No Sample	No Sample	TUC							Quarterly	Grab
	PERMIT REQUIREMENT					283	568	TUC							Quarterly	Grab
015 Produced Water Whole Effluent Toxicity Menidia beryllina	SAMPLE MEASUREMENT					No Sample	No Sample	TUC							Annually	Grab
	PERMIT REQUIREMENT					283	568	TUC							Annually	Grab
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John Zager General Manager Mid Continent/Alaska Business Unit												(907) 276-7600		09	10	19
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT											AREA CODE	NUMBER	YEAR	MO	DA
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)																

See Trading Bay Production Facility Page 3 of 3 for comments.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME Union Oil Company of California  
 ADDRESS Attn: John Zager  
 P.O. Box 196247  
 Anchorage, AK 99519-6247  
 FACILITY Trading Bay Production Facility  
 LOCATION Cook Inlet, Alaska

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)


OMB No. 2040-0004

(2-16)			(17-19)			
AKG-31-5002			015			
PERMIT NUMBER			DISCHARGE NUMBER			
MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
09	09	01		09	09	30
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

COMMENTS PAGE 3 OF 3

- \* Flow rates include deck drainage from Dolly Varden, Grayling, King Salmon, Monopod, and Steelhead Platforms.
- \*\* Frequency of pH measurement has been increased to more closely monitor water quality. Four pH measurements were taken on 09/07/2009, 09/14/2009, 09/21/2009 and 09/28/2009.
- \*\*\* Per Permit instructions weekly samples consist of an average of 4 grab samples over a 24 hour period. Four Oil & Grease sampling events occurred on 09/07/2009, 09/14/2009, 09/21/2009 and 09/28/2009.
- \*\*\*\* Identified as the most sensitive species.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	 Dale A. Haines SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE		
John Zager General Manager Mid Continent/Alaska Business Unit			(907) 276-7600		09	10	19
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	DA
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)							



**Dale Haines**  
Operations Manager

**Chevron North America  
Exploration and Production**  
3800 Centerpoint Drive  
Suite 100  
Anchorage, Alaska 99503  
Tel 907 263 7951  
Fax 907 263 7698  
Email [daleah@chevron.com](mailto:daleah@chevron.com)

October 19, 2009

Mr. Chae Park  
U.S. Environmental Protection Agency  
Region 10, Water Compliance Section  
1200 Sixth Avenue, OW-133  
Seattle, WA 98101

RETURN RECEIPT REQUESTED  
CERTIFIED MAIL 7006 3450 0000 0080 6829

Re: NPDES Permit No. AKG-31-5002  
Trading Bay Production Facility September 2009 Discharge Monitoring Reports (DMR)

Dear Mr. Park:

Union Oil Company of California operates the Trading Bay Production Facility that discharges regulated effluents in Cook Inlet, Alaska under NPDES Permit No. AKG-31-5002. Pursuant to condition VI.B of the Permit, Union Oil Company of California is hereby submitting the September 2009 NPDES Discharge Monitoring Reports (DMRs) for the Trading Bay Production Facility.

If you have any questions, please direct them to Ms. Marilu Moreno-Jones at 907-263-7305 or via e-mail at [mmjones@chevron.com](mailto:mmjones@chevron.com).

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Best regards,

A handwritten signature in cursive script that reads "Dale Haines".

Dale Haines

cc: ADEC / Certified Mail 7006 3450 0000 0080 6836